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FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT	ATTORNEY DOCKET NO. Astatke et al. 4990001	APPLICATION NO. 09/608,066
	APPLICANT Astatke et al.	
	FILING DATE June 30, 2000	GROUP 1643

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
JTC	AA1	4,358,535	11/09/1982	Falkow et al.	435	5	12/08/1980
	AB1	4,446,237	05/01/1984	Berninger	436	504	03/27/1981
	AC1	4,563,417	01/07/1986	Albarella et al.	435	6	01/07/1986
	AD1	4,581,333	04/08/1986	Kourilsky et al.	435	6	04/29/1982
	AE1	4,582,788	04/15/1986	Erlich	435	6	01/07/1983
	AF1	4,582,789	04/15/1986	Sheldon, III et al.	435	6	12/18/1984
	AG1	4,683,194	07/28/1987	Saiki et al.	435	6	03/28/1985
	AH1	4,683,202	07/28/1987	Mullis	435	91	10/25/1985
	AI1	4,889,818	12/26/1989	Gelfand et al.	435	194	06/17/1987
	AJ1	4,965,188	10/23/1990	Mullis et al.	435	6	06/17/1987
JTC	AK1	5,047,342	09/10/1991	Chatterjee	435	194	08/10/1989

FOREIGN PATENT DOCUMENTS

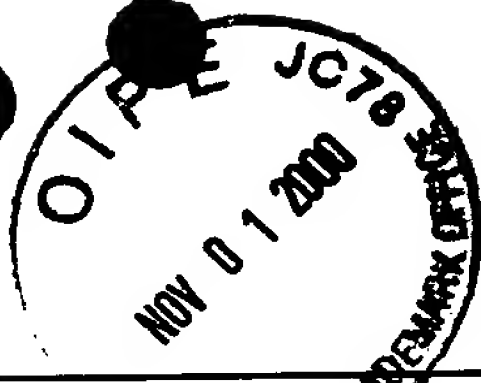
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JTC	AL1	EP 0 050 424	09/24/1981	Europe			Yes No
	AM1	EP 0 084 796	01/11/1983	Europe			Yes No
JTC	AN1	EP 0 144 914	11/29/1984	Europe			Yes No
	AO1	EP 0 119 448	02/10/1984	Europe			Yes No
JTC	AP1	EP 0 201 184	03/27/1986	Europe			Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

JTC	AR	1	Abe, T., et al., "Specific inhibition of influenza virus RNA polymerase and nucleoprotein gene expression by circular dumbbell RNA/DNA chimeric oligonucleotides containing antisense phosphodiester oligonucleotides," <i>FEBS Lett.</i> 425:91-96 (1998).
JTC	AS	1	Antao, V.P. and Tinoco, I., Jr., "Thermodynamic parameters for loop formation in RNA and DNA hairpin tetraloops," <i>Nucl. Acids Res.</i> 20:819-824 (1992).
JTC	AT	1	Austermann, S., et al., "Inhibition of Human Immunodeficiency Virus Type 1 Reverse Transcriptase by 3'-Blocked Oligonucleotide Primers," <i>Biochem. Pharmacol.</i> 43:2581-2589 (1992).

EXAMINER	DATE CONSIDERED 2/8/01
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INFORMATION DISCLOSURE STATEMENT

PATENT & TRADEMARK OFFICE

ATTY. DOCKET NO.
0942.4990001APPLICATION NO.
09/608,066APPLICANT
Astatke *et al.*FILING DATE
June 30, 2000GROUP
1643

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
Stc	AA2	5,079,352	01/07/1992	Gelfand <i>et al.</i>	536	27	05/15/1990
	AB2	5,143,854	09/01/1992	Pirrung <i>et al.</i>	436	518	03/07/1990
	AC2	5,137,814	08/11/1992	Rashtchian <i>et al.</i>	435	91	06/14/1991
	AD2	5,194,370	03/16/1993	Berninger <i>et al.</i>	436	501	05/16/1990
	AE2	5,244,797	09/14/1993	Kotewicz <i>et al.</i>	435	194	03/18/1991
	AF2	5,252,743	10/12/1993	Barrett <i>et al.</i>	548	303.7	11/13/1990
	AG2	5,270,179	12/14/1993	Chatterjee	435	69.1	01/28/1992
	AH2	5,334,515	08/02/1994	Rashtchian <i>et al.</i>	435	91.2	03/29/1993
	AI2	5,338,671	08/16/1994	Scalice <i>et al.</i>	435	91.2	10/07/1992
	AJ2	5,348,853	09/20/1994	Wang <i>et al.</i>	435	6	12/16/1991
	AK2	5,374,553	12/20/1994	Gelfand <i>et al.</i>	435	252.3	08/13/1990

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Stc	AL2	EP 0 237 362	03/13/1987	Europe			Yes No
	AM2	EP 0 258 017	08/21/1987	Europe			Yes No
	AN2	EP 0 329 822	08/26/1988	Europe			Yes No
	AO2	WO 88/10315	12/29/1988	WIPO			Yes No
	AP2	WO 89/06700	07/27/1989	WIPO			Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

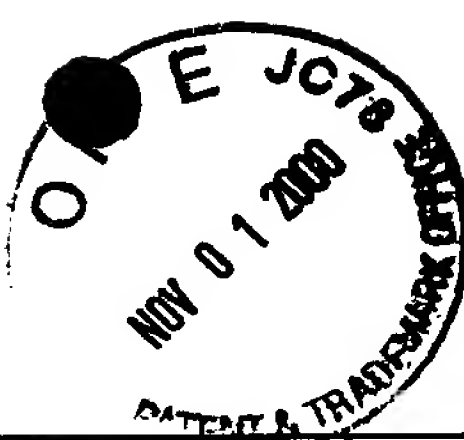
Stc	AR	2	Barnes, W.M., "The fidelity of <i>Taq</i> polymerase catalyzing PCR is improved by an N-terminal deletion," <i>Gene</i> 112:29-35 (1992).
1	AS	2	Bonnet, G., <i>et al.</i> , "Thermodynamic basis of the enhanced specificity of structured DNA probes," <i>Proc. Natl. Acad. Sci. USA</i> 96:6171-6176 (May 1999).
1	AT	2	Cardullo <i>et al.</i> , "Detection of nucleic acid hybridization by non radiative fluorescence resonance energy transfer," <i>Proc. Natl. Acad. Sci. USA</i> 85:8790-8794 (1988).

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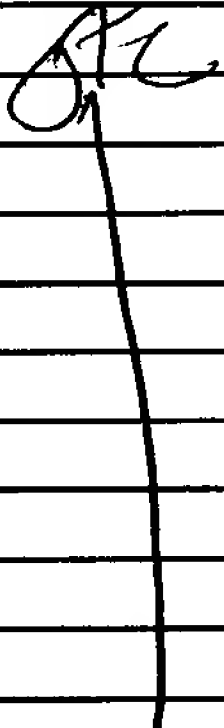
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	AA3	5,436,149	07/25/1995	Barnes	435	194	02/19/1993
	AB3	5,436,327	07/25/1995	Southern <i>et al.</i>	536	25.34	10/21/1989
	AC3	5,445,934	08/29/1995	Fodor <i>et al.</i>	435	6	10/30/1992
	AD3	5,449,603	09/12/1995	Nielson <i>et al.</i>	435	6	10/24/1989
	AE3	5,455,166	10/03/1995	Walker	435	91.2	01/09/1992
	AF3	5,512,462	04/30/1996	Cheng	435	91.2	02/25/1994
	AG3	5,529,756	06/25/1996	Brennan	422	131	07/13/1995
	AH3	5,578,467	11/26/1996	Schuster <i>et al.</i>	435	91.2	05/20/1994
	AI3	5,587,287	12/24/1996	Scalice <i>et al.</i>	435	6	04/07/1994
	AJ3	5,593,840	01/14/1997	Bhatnagar <i>et al.</i>	435	6	06/05/1995
	AK3	5,594,183	01/14/1997	Colin	73	864.52	07/26/1994

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL3	WO 90/03446	04/5/1990	WIPO			Yes No
	AM3	WO 92/06188	04/16/1992	WIPO			Yes No
	AN3	WO 92/06200	04/16/1992	WIPO			Yes No
	AO3	WO 92/14845	09/03/1992	WIPO			Yes No
	AP3	EP 0 684 315	03/13/1995	Europe			Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	3	Chedin, F., <i>et al.</i> , "Novel homologs of replication protein A in archaea: implications for the evolution of ssDNA-binding proteins," <i>TIBS</i> 23:273-277 (August 1998).
	AS	3	Clegg, R.M., <i>et al.</i> , "Fluorescence Resonance Energy Transfer Analysis of the Structure of the Four-Way DNA Junction," <i>Biochem.</i> 31:4846-4856 (1992).
	AT	3	Clegg, R.M., "Fluorescence Resonance Energy Transfer and Nucleic Acids," <i>Methods Enzymol.</i> 211:353-388 (1992).

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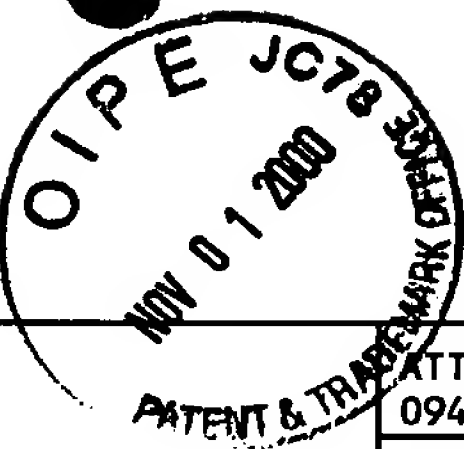
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09/608,066APPLICANT
Astatke *et al.*FILING DATE
June 30, 2000GROUP
1643

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
JL	AA4	5,595,890	01/21/1997	Newton <i>et al.</i>	435	91.2	02/17/1995
	AB4	5,599,695	02/04/1997	Pease <i>et al.</i>	435	91.1	02/27/1995
	AC4	5,605,824	02/25/1997	Nielson <i>et al.</i>	435	194	06/16/1993
	AD4	5,614,365	03/25/1997	Tabor <i>et al.</i>	435	6	11/10/1994
	AE4	5,639,611	06/17/1997	Wallace <i>et al.</i>	435	6	11/09/1994
	AF4	5,646,019	07/08/1997	Nielson <i>et al.</i>	435	91.5	04/07/1994
	AG4	5,668,005	09/16/1997	Kotewicz <i>et al.</i>	435	194	03/12/1996
	AH4	5,728,526	03/17/1998	George, Jr. <i>et al.</i>	435	6	01/07/1995
	AI4	5,763,170	06/09/1998	Raybuck	435	6	06/05/1995
	AJ4	5,773,257	06/30/1998	Nielson <i>et al.</i>	435	91.1	06/06/1995
	AK4	5,800,992	09/01/1998	Fodor <i>et al.</i>	435	6	06/25/1996

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
JL	AL4	WO 96/10640	04/11/1996	WIPO			Yes No
	AM4	EP 0 436 644 B1	04/17/1996	Europe			Yes No
	AN4	EP 0 795 612 A2	09/17/1997	Europe			Yes No
	AO4	WO 98/09451	03/05/1998	WIPO			Yes No
	AP4	WO 98/35060	08/13/1998	WIPO			Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

JL	AR	4	Clegg, R.M., <i>et al.</i> , "Observing the helical geometry of double-stranded DNA in solution by fluorescence resonance energy transfer," <i>Proc. Natl. Acad. Sci. USA</i> 90:2994-2998 (1993).
	AS	4	Flaman, J.-M., <i>et al.</i> , "A rapid PCR fidelity assay," <i>Nucl. Acids Res.</i> 22:3259-3260 (1994).
	AT	4	Gerard, G.F., <i>et al.</i> , "cDNA Synthesis by Moloney Murine Leukemia Virus Rnase H-Minus Reverse Transcriptase Possessing Full DNA Polymerase Activity," <i>FOCUS</i> 14:91-93 (1992).

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	APPLICANT Astatke <i>et al.</i>	
	FILING DATE June 30, 2000	GROUP 1643

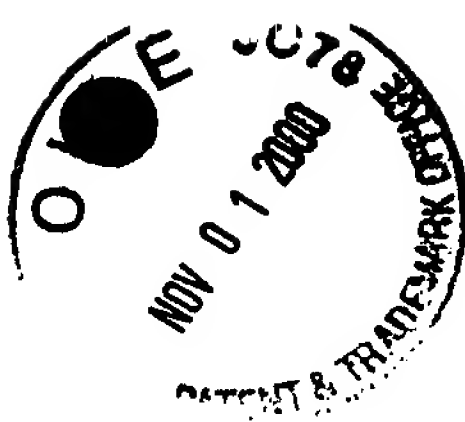
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	AA5	5,837,832	11/17/1998	Chee <i>et al.</i>	536	22.1	05/16/1995
	AB5	5,846,729	12/08/1998	Wu <i>et al.</i>	435	6	07/01/1997
	AC5	5,866,336	02/02/1999	Nazarenko <i>et al.</i>	435	6	01/03/1997
	AD5	5,869,251	02/09/1999	Schuster <i>et al.</i>	435	6	11/25/1996
	AE5	5,876,930	03/02/1999	Livak <i>et al.</i>	435	6	11/15/1995
	AF5	5,925,517	07/20/1999	Tyagi, <i>et al.</i>	435	6	05/12/1995
	AG5	5,948,899	09/07/1999	Arnold, Jr. <i>et al.</i>	536	24.3	06/05/1995
	AH5	5,952,172	09/14/1999	Mende <i>et al.</i>	435	6	06/12/1997
	AI5	6,037,130	03/14/2000	Tyagi, <i>et al.</i>	435	6	07/28/1998
	AJ5	6,048,690	04/11/2000	Heller <i>et al.</i>	435	6	05/14/1997
	AK5	6,090,552	07/18/2000	Nazarenko <i>et al.</i>	435	6	07/11/1997

FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL5	WO 98/47921	10/29/1998	WIPO			Yes No
	AM5	WO 99/10366	03/04/1999	WIPO			Yes No
	AN5	EP 0 795 612 A3	03/24/1999	Europe			Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
	AR	5	Goodchild, J., <i>et al.</i> , "Inhibition of human immunodeficiency virus replication by antisense oligodeoxynucleotides," <i>Proc. Natl. Acad. Sci. USA</i> 85:5507-5511 (1988).
	AS	5	Goodchild, J., <i>et al.</i> , "Enhancement of ribozyme catalytic activity by a contiguous oligodeoxynucleotide (facilitator) and by 2'-O-methylation," <i>Nucl. Acids Res.</i> 20:4607-4612 (1992).
	AT	5	Holland, P.M., <i>et al.</i> , "Detection of specific polymerase chain reaction product by utilizing the 5'→3' exonuclease activity of <i>Thermus aquaticus</i> DNA polymerase," <i>Proc. Natl. Acad. Sci. USA</i> 88:7276-7280 (1991).

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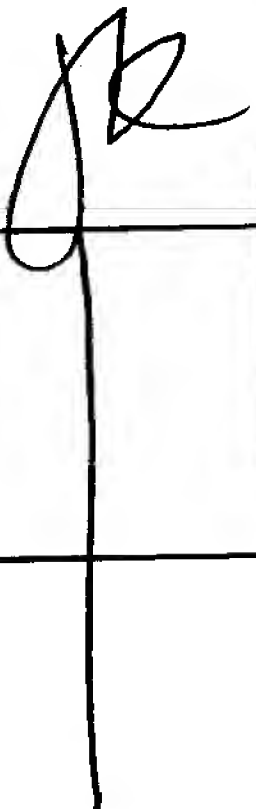


FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO. 0942.4990001	APPLICATION NO. 09/608,066
	APPLICANT Astatke <i>et al.</i>	
	FILING DATE June 30, 2000	GROUP 1643

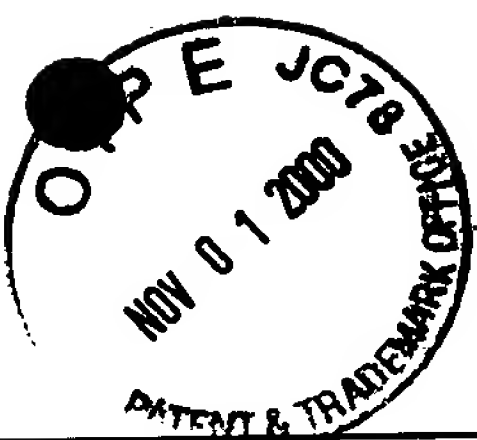
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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
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	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	<u>6</u>	Houts, G.E., et al., "Reverse Transcriptase from Avian Myeloblastosis Virus," <i>J. Virol.</i> 29:517-522 (1979).
	AS	<u>6</u>	Idriss, H., and Stammers, D.K., "Inhibition of HIV-1 Reverse Transcriptase by Defined Template/Primer DNA Oligonucleotides: Effect of Template Length and Binding Characteristics," <i>J. Enzyme Inhib.</i> 8:91-112 (1994).
	AT	<u>6</u>	Jendis, J., et al., "Inhibition of Replication of Fresh HIV Type 1 Patient Isolates by a Polypurine Tract-Specific Self-Complementary Oligodeoxynucleotide," <i>AIDS Res. Human Retrov.</i> 12:1161-1168 (1996).
EXAMINER			DATE CONSIDERED

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
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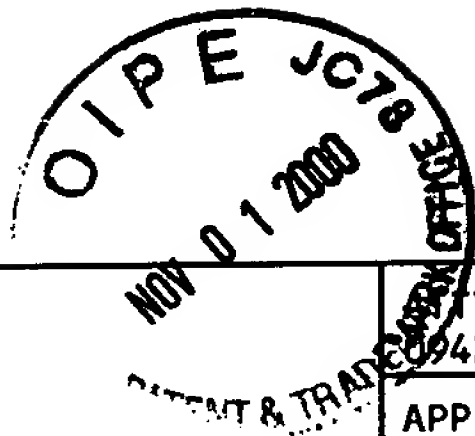
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	<u> Z </u>	Ju, J., <i>et al.</i> , "Fluorescence energy transfer dye-labeled primers for DNA sequencing and analysis," <i>Proc. Natl. Acad. Sci. USA</i> 92:4347-4351 (1995).
	AS	<u> Z </u>	Kainz, A.P., <i>et al.</i> , "Specificity-Enhanced Hot-Start PCR: Addition of Double-Stranded DNA Fragments Adapted to the Annealing Temperature," <i>BioTechniques</i> 28:278-282 (February 2000).
	AT	<u> Z </u>	Kelly, T.J., <i>et al.</i> , "Identification and characterization of a single-stranded DNA-binding protein from the archaeon <i>Methanococcus jannaschii</i> ," <i>Proc. Natl. Acad. Sci. USA</i> 95:14634-14639 (1998).

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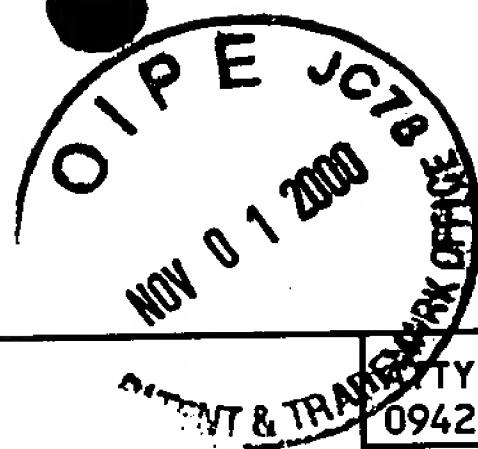
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	<u>8</u>	Kinchington, D., <i>et al.</i> , "A comparison of gag, pol and rev antisense oligodeoxynucleotides as inhibitors of HIV-1," <i>Antiviral Res.</i> 17:53-62 (1992).
	AS	<u>8</u>	Kleppe, K., <i>et al.</i> , "Studies on Polynucleotides. XCVI. Repair Replications of Short Synthetic DNA's as Catalyzed by DNA Polymerases," <i>J. Mol. Biol.</i> 56:341-361 (1971).
	AT	<u>8</u>	Kotewicz, M.L., <i>et al.</i> , "Isolation of cloned Moloney murine leukemia virus reverse transcriptase lacking ribonuclease H activity," <i>Nucl. Acids Res.</i> 16:265-277 (1988).

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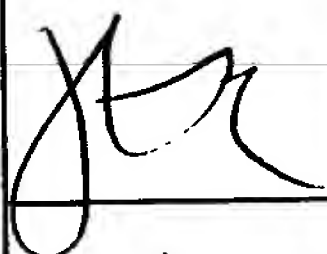
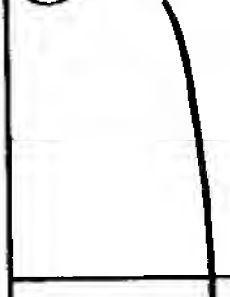
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	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	2	Koga, M., <i>et al.</i> , "Alternating α , β -Oligothymidylates with Alternating (3'→3")- and (5'→5")-Internucleotidic Phosphodiester Linkages as Models for Antisense Oligodeoxyribonucleotides," <i>J. Organ. Chem.</i> 56:3757-3759 (1991).
	AS	2	Kuwasaki, T., <i>et al.</i> , "Hairpin Antisense Oligonucleotides Containing 2'-Methoxynucleosides with Base-Pairing in the Stem Region at the 3'-end: Penetration, Localization, and Anti-HIV Activity," <i>Biochem. Biophys. Res.</i> 228:623-631 (1996).
	AT	2	Kwoh, D.Y., <i>et al.</i> , "Transcription-based amplification system and detection of amplified human immunodeficiency virus type 1 with a bead-based sandwich hybridization format," <i>Proc. Natl. Acad. Sci. USA</i> 86:1173-1177 (1989).

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INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.
0942.4990001APPLICATION NO.
09/608,066APPLICANT
Astatke *et al.*FILING DATE
June 30, 2000GROUP
1643

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
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FOREIGN PATENT DOCUMENTS

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	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	<u>10</u>	Lawyer, F.C., <i>et al.</i> , "High-Level Expression, Purification, and Enzymatic Characterization of Full-Length <i>Thermus aquaticus</i> DNA Polymerase and a Truncated Form Deficient in 5' to 3' Exonuclease Activity," <i>PCR Meth. Appl.</i> 2:275-287 (1993).
	AS	<u>10</u>	Lee, L.G., <i>et al.</i> , "Allelic discrimination by nick-translation PCR with fluorogenic probes," <i>Nucl. Acids Res.</i> 21:3761-3766 (1993).
	AT	<u>10</u>	Luo, G., <i>et al.</i> , "Inhibition of influenza viral polymerases by minimal viral RNA decoys," <i>J. Gen. Virol.</i> 78:2329-2333 (1997).

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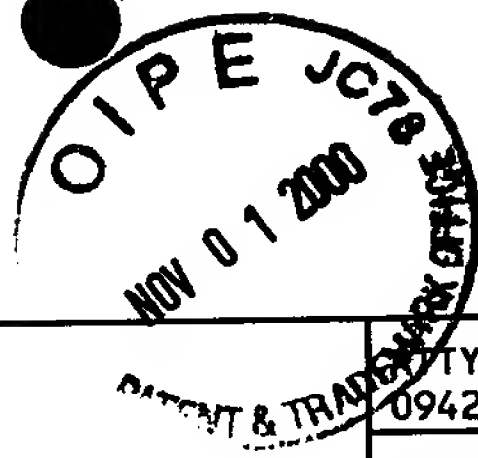
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	<u>11</u>	Lyamichev, V., <i>et al.</i> , "Structure-Specific Endonucleolytic Cleavage of Nucleic Acids by Eubacterial DNA Polymerases," <i>Science</i> 260:778-783 (1993).
	AS	<u>11</u>	Maury, G., <i>et al.</i> , "Template. Phosphorothioate Oligonucleotides Duplexes As Inhibitors of HIV-1 Reverse Transcriptase," <i>Biochem. Biophys. Res. Commun.</i> 186:1249-1256 (1992).
	AT	<u>11</u>	Matsukura, M., "Regulation of viral expression of human immunodeficiency virus in vitro by an antisense phosphorothioate oligodeoxynucleotide against rev (art/trs) in chronically infected cells," <i>Proc. Natl. Acad. Sci. USA</i> 86:4244-4248 (1989).

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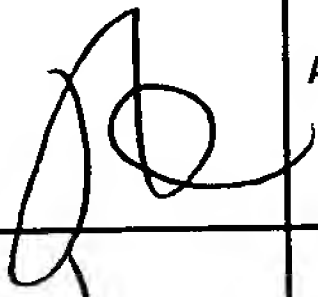
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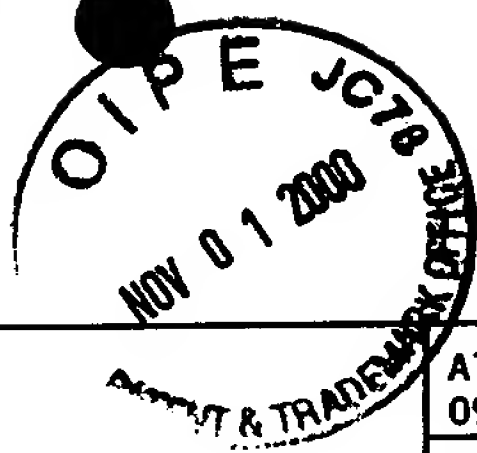
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	AR	<u>12</u>	Mullis, K., <i>et al.</i> , "Specific Enzymatic Amplification of DNA In Vitro: The Polymerase Chain Reaction," <i>Cold Spring Harbor Symp. Quant. Biol.</i> 51:263-273 (1986).
	AS	<u>12</u>	Nakaya, T., <i>et al.</i> , "Decoy Approach Using RNA-DNA Chimera Oligonucleotides To Inhibit the Regulatory Function of Human Immunodeficiency Virus Type 1 Rev Protein," <i>Antimicro. Agents Chemother.</i> 41:319-325 (1997).
	AT	<u>12</u>	Nazarenko, I.A., <i>et al.</i> , "A closed tube format for amplification and detection of DNA based on energy transfer," <i>Nucl. Acids Res.</i> 25:2516-2521 (1997).

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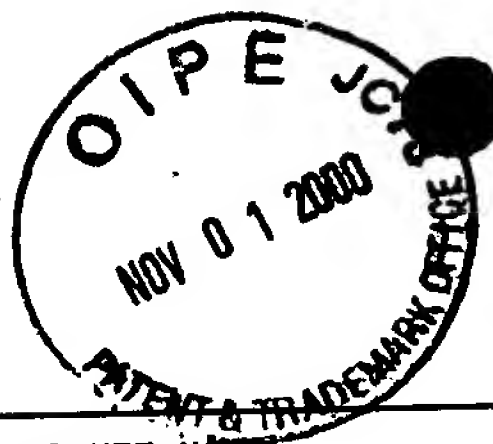
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	AR	<u>13</u>	Ozaki, H., and McLaughlin, L.W., "The estimation of distances between specific backbone-labeled sites in DNA using fluorescence resonance energy transfer," <i>Nucl. Acids Res.</i> 20:5205-5214 (1992).
	AS	<u>13</u>	Panet, A., and Khorana, H.G., "Studies on Polynucleotides. The Linkage of Deoxyribopolynucleotide Templates to Cellulose and its Use in Their Replication," <i>J. Biol. Chem.</i> 249:5213-5221 (1974).
	AT	<u>13</u>	Paris, P.L., <i>et al.</i> , "Probing DNA sequences in solution with a monomer-excimer fluorescence color change," <i>Nucl. Acids Res.</i> 26:3789-3793 (1998).

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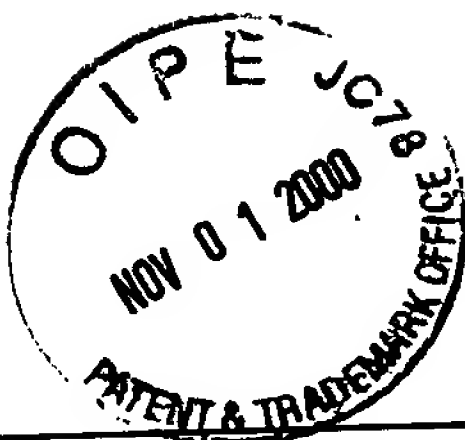
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	<u>14</u>	Rossi, J.J., <i>et al.</i> , "Ribozymes as Anti-HIV-1 Therapeutic Agents: Principles, Applications, and Problems," <i>AIDS Res. Human Retro.</i> 8:183-189 (1992).
	AS	<u>14</u>	Saiki, R.K., <i>et al.</i> , "Primer-Directed Enzymatic Amplification of DNA with a Thermostable DNA Polymerase," <i>Science</i> 239:487-491 (1988).
	AT	<u>14</u>	Sarin, P.S., <i>et al.</i> , "Inhibition of acquired immunodeficiency syndrome virus by oligodeoxynucleoside methylphosphonates," <i>Proc. Natl. Acad. Sci. USA</i> 85:7448-7451 (1988).

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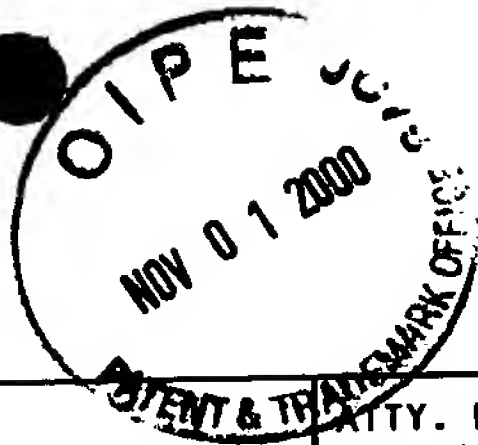
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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	<u>15</u>	Schneider, D.J., <i>et al.</i> , "High Affinity ssDNA Inhibitors of the Reverse Transcriptase of Type 1 Human Immunodeficiency Virus," <i>Biochem.</i> 34:9599-9610 (1995).
	AS	<u>15</u>	Selvin, P.R., "Fluorescence Resonance Energy Transfer," <i>Methods Enzymol.</i> 246:300-334 (1995).
	AT	<u>15</u>	Selvin, P.R., and Hearst, J.E., "Luminescence energy transfer using a terbium chelate: Improvements on fluorescence energy transfer," <i>Proc. Natl. Acad. Sci USA</i> 91:10024-10028 (1994).
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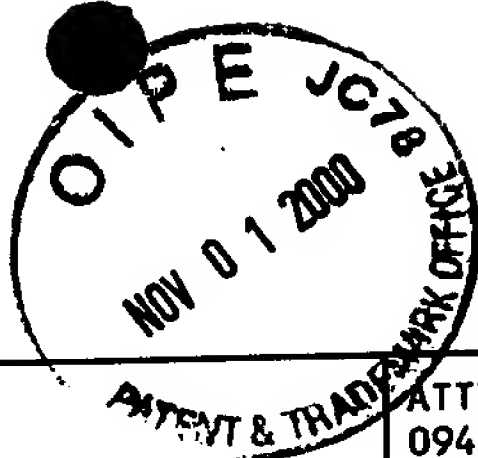
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	<u>16</u>	Soltis, D.A., and Skalka, A.M., "The α and β chains of avian retrovirus reverse transcriptase independently expressed in <i>Escherichia coli</i> : Characterization of enzymatic activities," <i>Proc. Natl. Acad. Sci. USA</i> 85:3372-3376 (1988).
	AS	<u>16</u>	Stein, C.A., <i>et al.</i> , "Physicochemical properties of phosphorothioate oligodeoxynucleotides," <i>Nucl. Acids Res.</i> 16:3209-3221 (1988).
	AT	<u>16</u>	Tabor, S., and Richardson, C.C., "A single residue in DNA polymerases of the <i>Escherichia coli</i> DNA polymerase I family is critical for distinguishing between deoxy- and dideoxyribonucleotides," <i>Proc. Natl. Acad. Sci. USA</i> 92:6339-6343 (1995).

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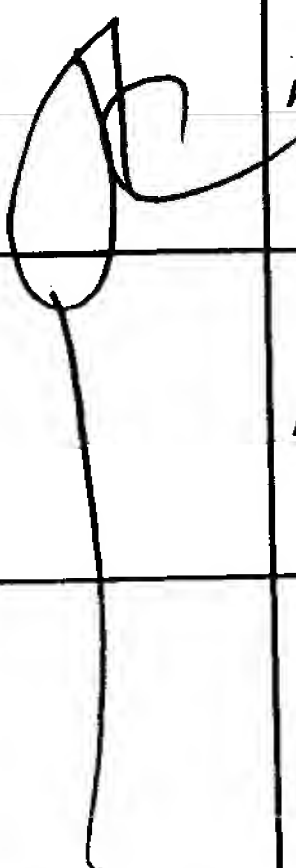
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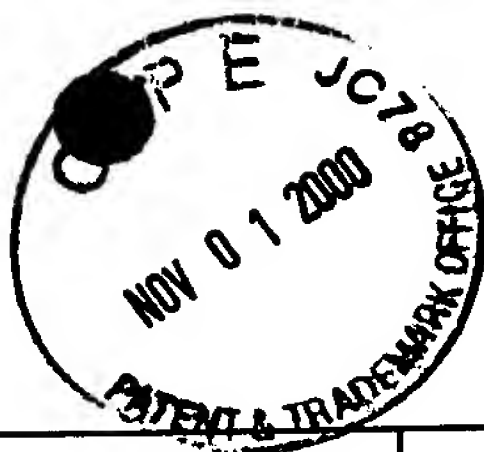
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	<u>17</u>	Tyagi, S., and Kramer, F.R., "Molecular Beacons: Probes that Fluoresce Upon Hybridization," <i>Nature Biotechnol.</i> 14:303-309 (1996).
	AS	<u>17</u>	Wang, Y., <i>et al.</i> , "Rapid Sizing of Short Tandem Repeat Alleles Using Capillary Array Electrophoresis and Energy-Transfer Fluorescent Primers," <i>Anal. Chem.</i> 67:1197-1203 (1995).
	AT	<u>17</u>	Wu, D.Y., <i>et al.</i> , "Allele-specific enzymatic amplification of β -globin genomic DNA for diagnosis of sickle cell anemia," <i>Proc. Natl. Acad. Sci., USA.</i> 86:2757-2760 (1989).

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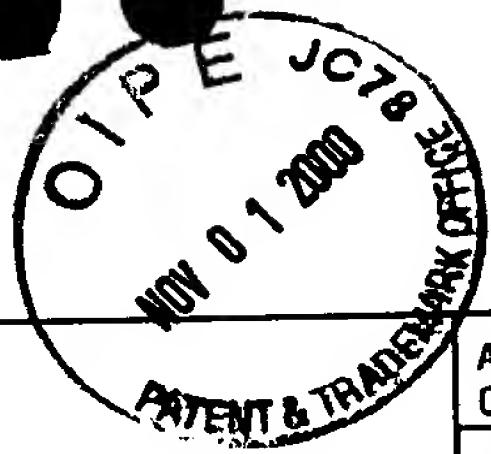
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	AR	<u>18</u>	Wu, D.Y., <i>et al.</i> , "The Ligation Amplification Reaction (LAR)—Amplification of Specific DNA Sequences Using Sequential Rounds of Template-Dependent Ligation," <i>Genomics</i> 4:560-569 (1989).
	AS	<u>18</u>	Xu, D., <i>et al.</i> , "Melting and Premelting Transitions of an Oligomer Measured by DNA Base Fluorescence and Absorption," <i>Biochem.</i> 33:9592-9599 (1994).
	AT	<u>18</u>	Yamana, K, <i>et al.</i> , "Fluorescent-labeled Oligonucleotides that Exhibit a Measurable Signal in the Presence of Complementary DNA," <i>Nucl. Acids Symp. Ser.</i> 27:135-136 (1992).

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ATTY. DOCKET NO. 0942.4990001	APPLICATION NO. 09/608,066
APPLICANT Astatke <i>et al.</i>	
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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
	AR	19	"Amplifluor™ Universal Amplification & Detection System," Interger Company Catalog, 4 pages, (1999).
	AS	19	
	AT	19	
EXAMINER	DATE CONSIDERED		

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FORM PTO-1449 FIRST SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO. 0942.4990001	APPLICATION NO. 09/608,066
APPLICANT Astatke <i>et al.</i>		
FILING DATE June 30, 2000		GROUP 1655

U.S. PATENT DOCUMENTS

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	AB6	5,693,502	12/02/1997	Gold <i>et al.</i>	435	91.2
	AC6	5,760,012	06/02/1998	Kmiec <i>et al.</i>	514	44
	AD6	5,763,173	06/09/1998	Gold <i>et al.</i>	435	6
	AE6	5,874,557	02/23/1999	Gold <i>et al.</i>	536	23.1
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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR		
	AS	19	Ailenberg, M., and Silverman, M., "Controlled Hot Start and Improved Specificity in Carrying Out PCR Utilizing Touch-Up and Loop Incorporated Primers (TULIPS)," <i>BioTechniques</i> 29:1018-1024, Eaton Publishing Company, Natick, MA (November 2000).
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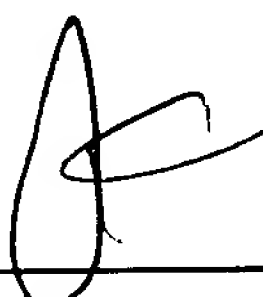

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	AR	<u>21</u>	Lin, Y., and Jayasena, S.D., "Inhibition of Multiple Thermostable DNA Polymerases by a Heterodimeric Aptamer," <i>J. Mol. Biol.</i> 271:100-111, Academic Press, Inc., New York, NY (1997).
	AS	<u>21</u>	International Search Report for PCT/US00/18256, mailed November 7, 2000.
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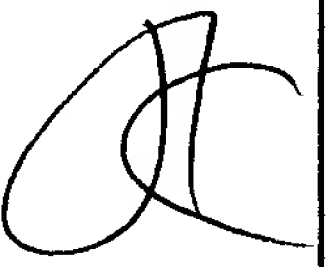
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	AT	<u>20</u>	Kuwasaki, T., <i>et al.</i> , "Hairpin Antisense Oligonucleotides Containing 2'-Methoxynucleosides With Base-Pairing in the Stem Region at the 3'-end: Penetration, Localization and Anti-HIV Activity," <i>Biochem. Biophys. Res. Commun.</i> 228:623-631, Academic Press, Inc., Orlando, FL (1996).

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